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DD200740

AN 1983-777382 [40] WPIX

DNC C1983-094648

TI Substd. di amino thieno pyrrole cpds. - obtd. from di amino thiophene
carbon-nitrile cpds. and halo-methane with acceptor substit..

DC E13

PA (GEWA-I) GEWALD K

CYC 1

PI DD-----200740 A 19830608 (198340)* 7 <--

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AB DD 200740 A UPAB: 19930925

Prodn. of substd. 3,4-diaminothieno(2,3-b) pyrroles of formula (I) is
carried out by reacting substd. 2,4-diaminothioph-carbonitriles of formula
(II) with acceptor-substd. halomethanes of the formula X-CH₂-R₁ (III) in a
solvent (DMF) at 60-150 deg.C in presence of bases, the bases pref. being
K₂CO₃ followed by NEt₃. In the formulae, R₁ is aryl or allyl. R₂ and R₃
are alkoxycarbonyl, acyl, nitrile or carbamido gps. X is Cl or Br.

(I) (and unsubstd. 3,4-diaminothieno(2,3-b) pyrroles) are new cpds.

(I) are obtd. by a simple process. They are useful as intermediates
esp. for dyestuffs.